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Authors

Department of Public Affairs, University of Maine; Melissa Adams; Kimberly Dineen; Kathleen Gaede; Scott Wilkerson; and David C. Smith

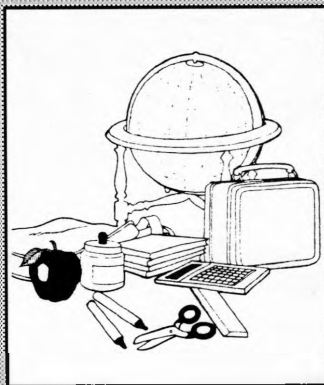
Maine Perspective

Vol. 2 No. 36

A PUBLICATION FOR THE UNIVERSITY OF MAINE

APRIL 26, 1991

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Thomas Jenkins

In Touch With the Human Side of Higher Education

When Thomas Jenkins entered higher education almost four decades ago, he expected to be part of a process "that made this a better world." Through the years, he has seen improved access to education, greater cooperation between higher education and the public schools, and state institutions like the University of Maine come into their own.

He has also seen elitism continue to pervade higher education - just as it did when he took his first faculty position in 1953.

"At the onset, higher education meant to me that I was going to be part of the process that made this a better world," said Jenkins, associate director of admissions for minority recruiting at the University of Maine, and keynote speaker for the upcoming Honors Convocation on May 2.

"I thought we would begin to eliminate poverty and inequities in life, and begin to bring people together toward having a world in which justice prevails on a universal basis. I thought that was what we were doing. That was my naive view, predicated more on what I learned in my own home.

"(In my upbringing,) there wasn't much talk about people going to colleges and universities to make money and be wealthy," said Jenkins. "It had more to do with the service you were going to provide because you were better educated, better equipped.

"Along the way I commenced to see that many well-educated people had a genuine belief that only one out of every 10 persons should have the advantage of a superior education because they were the only ones able to take advantage of it. This elitist view meant to me that we have class distinction based on the amount of education," he said.

Jenkins, a 1946 graduate of West Virginia State College with degrees in economics and history, received a juris doctor degree from Boston University in 1950. Three years later, he was named dean and professor of law at Florida A&M University, Tallahassee. In 1965, he was tapped for the presidency of Albany State College, Albany, Ga., and was named vice president for Administrative Services at George State University, Atlanta, until 1971.

In 1971, Jenkins was named deputy commissioner of offender rehabilitation with the Georgia Department of Criminal Justice. He moved back to academia in 1975 with his appointment as dean and director of Graduate Studies, College of Community Services, and professor of criminal justice at the University of Cincinnati. Jenkins was named associate vice chancellor for Academic Affairs at the University of Illinois at Chicago Circle in 1977, and, from 1984-87, president and special consultant to the Board of Lincoln University, Jefferson City, Mo.

Through the years, Jenkins said he has seen more opportunities made available for people to take advantage of higher education. But the process has caused stratification - not just along racial lines but between those who are college-educated and those who are not.

"There is still only a tiny group of people - 10 percent or less, who are exposed to the best of all higher education experiences. There is a gap there," Jenkins said, "and as in giving across-the-board raises, the gap keeps widening.

"The difference is in whether you look down on those people you've separated yourself from as opposed to realizing it does not make them less intelligent, only less informed." *continued on page 3*

In Recognition of Student Leadership

Editor's Note: This semester, Student Services, in its ongoing recognition of student leadership on campus, initiated a new project. Student leaders, individuals who are noted for their service and achievements in the University community, are being recognized in a display in the Memorial Union. Their photos and biographical sketches can be found in the "Student in the Lead" display in the Union, and are part of this series in Maine Perspective. If you know of other UM students who should be so honored, contact Student Services, x1820.

Resourcefulness, involvement and communication are three key elements of Shari Rapoza's leadership style. As Student leader of VOICE, Shari is an individual who "walks her talk," and who works to help others realize their leadership potential. She has demonstrated a commitment to both volunteer groups and individuals on campus, as well as to a broad range of community organizations in the Bangor area.

Acting as a liaison between volunteers and needy organizations of campus, Shari has become a central contact for many. Through her past experiences as a resident assistant in Aroostook Hall, a peer educator, involvement in Circle K,

and now as leader of VOICE, she has developed a broad-ranging campus/community resource.

Involvement, Shari says, is easily detected in others. They are those who "come into the Student Activities Office four or five times a week and get involved in everything." Involved individuals, like Shari, are committed to their groups and are interested in more than "resume doctoring." Her own involvement in student volunteer groups such as Circle K has led to her appointment as student governor to the New England District Board of Circle K. In this capacity, she serves as voice for campus Circle K groups throughout New England.

A clear and effective communication style is one which Shari has cultivated in her many roles as student leader. In her attempts to reach out to everyone, both service groups and individuals, Shari must be good at public relations, presentations and public speaking. In her efforts to connect with as many people as possible through VOICE, she has spoken before community groups, student residents on campus, student government and professional committees on campus. For Shari, effective communication involves a "presence," a personal confidence which enables an individual to



have an impact on others and to be sensitive to the needs of many. It means knowing how to deal with difficult people, being able to motivate groups of people with a "vision," and having the ability to see the "whole picture."

Aside from her roles with VOICE, Shari coordinates student leadership conferences on campus and through Circle K. This activity has given her experience in planning, coordinating and budgeting - skills that will provide a foundation for her future goals. Eventually, Shari would like to own a company in which she works as a functions coordinator for conferences and institutes.

COMMUNITY RESOURCE FILES FOR SCHOOLS Information Collection

As part of its work to support public education, the Bangor Education Foundation is compiling a list of enrichment resources for schools in our geographical area. Our communities have a wealth of talented and experienced people schools could use to complement curriculum, spark student interest and widen children's awareness. Our region also enjoys fascinating museums, meaningful historic sites and a rich spectrum of human work and accomplishment. Help us find and identify these community resources.

Send us information that can help schools find talents, skills, enlightenment and discovery. We will put your information into a community resource database so school may know how to contact these resources. Send your resource information to: Bangor Education Foundation, P.O. Box 1069, Bangor, Maine 04401, or call 947-1633.

Resource _____
Brief Description of Resource _____
Resource Address _____
Resource Phone _____

Maine Perspective

Maine Perspective is published
by the University of Maine
Department of Public Affairs
University of Maine
Orono, Maine 04469
207 / 581-3745

Assistant Vice President
for Public Affairs
Adrie Nab

Executive Editor
Margaret Nagle

Contributing Writers: Melissa Adams,
Development Office, Kimberly Dineen,
Fogler Library Staff, Kathleen Gaede,
Office of International Programs,
Marc Kusnitz, David C. Smith,
Scott Wilkerson

Printed by the
University of Maine Printing Services

Convocation *continued from page 1*

It is long-since time to "back up in education," and examine the simple precepts that "would allow us to have a more peaceful world," he said. They are the same precepts, Jenkins is convinced, that would narrow the gap between the have and the have-nots when it comes to a higher education.



Dianne Cappiello said she had in mind the professors "who made such an impact on me" when designing the winning medallion. The design, she said, represents the "organic energy" that comes from being taught by outstanding faculty.

"We ought to be thinking about the fundamental issues in the world - love, peace and harmony between and among people is what we're talking about, the reality of saving our world," Jenkins said. "The reality to me is, unless human beings develop tolerance and love, and develop a sense of oneness in terms of life itself, we probably will be headed for absolute disaster. People need to address the whole business of having an appreciation for and understanding of each other.

"We need more good people - good in a sense of kind, understanding and compassionate with a general concern for the well-being of all persons. Many of our truly intelligent people have a tendency to divorce themselves from the issues that face people. Then, when the decisions are made, they complain that things were not done well, in fairness or equitably, yet they were the ones that abandoned their posts.

"We divorce ourselves from these battles, looking out for ourselves and our research without taking in the whole picture. Somehow we don't see how we're part of that. Yet we in higher education are the ones to educate people and develop these theories that would allow for this compatibility."

The key, said Jenkins, is not only in listening to what others have to say but believing that everyone has a part to play. In essence, "everything is not yet learned."

"If weapons of destruction are so readily available, and if those with the weapons are our enemies, we are destined for destruction. How much better it would be if we attempted to have friendship, tolerance and love. It is for our common survival," Jenkins said.

"The same is true if you are not contributing anything to society, counting on the contributions of others and thinking your non-contribution means nothing. As more and more contribute less and less, the burden shifts to those who have sought to separate themselves from the masses.

"The solution is friendship, tolerance and compassion. When you have these things in control of your life you tend to come to solutions that serve the vast majority."

Medallions Symbolize High Achievement

On May 2 at 3:30 p.m., the annual Honors Convocation will be held in the Hutchins Concert Hall, Maine Center for the Arts. Part of this celebration of teaching and scholarship will be the presentation of three Presidential Awards - the Presidential Public Service Achievement Award, the Presidential Research and Creative Achievement Award and the Presidential Outstanding Teaching Award. This year for the first time, recipients of these Presidential Awards will be presented a medallion symbolizing high achievement in the respective areas. The design for the medallion representing each award is identical. Each is 2 1/2 inches in diameter and is cast in pewter, forming an active, energetic design. The awards will be differentiated by the color of the ribbon suspending the medallion - silver and gold for public service, silver and green for research and creative achievement, silver and blue for outstanding teaching.

At the invitation of John Hitt, vice president for Academic Affairs, Deborah de Moulpied, professor of art, and many

University of Maine students in her classes spent several months discussing and designing medallions. A competition among the students in de Moulpied's classes produced a variety of designs representing these students' thoughts and feelings about the importance and significance of these prestigious awards. Delighted with the results of the competition, Michael Lewis, chair of the Art Department, says the student energy generated from this competition was phenomenal, resulting in many excellent designs. This high quality made choosing a winner especially difficult. The winning medallion design can be seen in the Student Art Exhibition in the University of Maine Museum of Art, Carnegie Hall. The winner of the competition was Dianne Cappiello, a junior art major from Bangor.

Medallions will be presented to this year's award winners during the Honors Convocation. Prior to the Honors Convocation, medallions will be awarded to the 28 previous winners of the Presidential Awards in a ceremony beginning at 2:30 p.m. in the Bodwell Dining Area of the Maine Center for the Arts.

Kathy and Gary Schilmoeller describe their son Matthew as "our enigma."

He was obviously a healthy, happy infant. But what were not so obvious, and what parents often are the first to notice, were the delays in development.

At 9 months, Matthew was just beginning to sit up. It took him six months to learn to hold a cup. When he did learn to walk, he was uncoordinated. At 3, Matthew was beginning to talk. By age 5, his speech was halting, his thoughts random and apparently disjointed.

"Something was wrong and no one knew what it was," said Gary, associate professor of child development and family relations at the University of Maine. "Family, schools and professionals were inconsistent in their evaluations of his development. Some said there was no problem. At that point, you start to doubt yourself. We wanted to believe all was fine."

A myriad of specialists saw Matthew only to find no known cause. Attention quickly turned to Kathy and Gary who were not just any parents, but both Ph.D.s in child development. Without finding any medical cause of Matthew's "characteristics," people said that perhaps the answer was found in two highly educated parents who "created problems because a normal child was not interesting enough."

"It was a struggle. It was horrible," remembers Kathy, counselor/coordinator of Services for Students with Disabilities at UM. "We were confused about what was going on. No one had any answers for us and we had many painful incidents - like the time an ophthalmologist in frustration yelled at Matthew, who looked like a normal 4-year-old, but who could not perform at that level. Matthew was trying as hard as he could but was not meeting expectations. Adults and children were sometimes cruel."

An important realization concerning Matthew's ability to process information came at age 6, according to Kathy. "He and I were driving past a cemetery on the way to a therapy session in Bangor. He told me the cemetery was 'like where you and Glee were looking at the num-

bers and the letters.'"

What Matthew was referring to was a cemetery in Kansas he had seen with his mother and aunt three years earlier. Matthew, who was not talking at the time, had toddled along behind his mother and aunt as they searched for family history information. This episode gave significant evidence that Matthew was processing a lot more information than he was able to communicate.

And the evidence, though sporadic, kept coming.

A woman came into Matthew's second grade classroom one day and gave a half-hour demonstration on sign language. That night, Matthew was not only signing the alphabet but also his name.

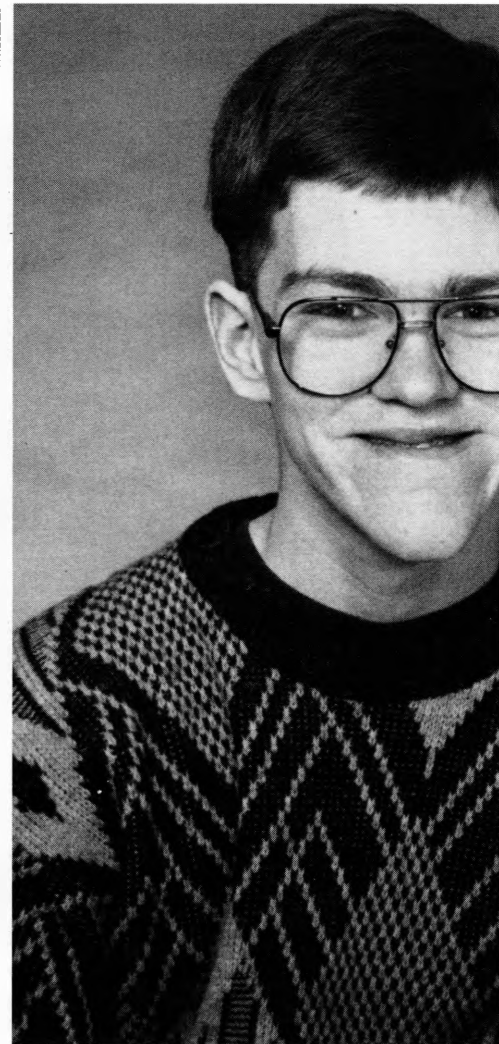
In third grade, when the students were taught a few basic French words and phrases and asked several weeks later to repeat what they had learned, Matthew was the only one who could respond with certain phrases.

"I went into his bedroom one day and he had his blocks on the floor," Gary said. "Look what I wrote," Matthew said. "I didn't see anything until I stood up on the bed beside him and looked down. He had spelled out 'I love you' with his blocks.

"He didn't do these things that often, but when he did it made me cry," said Gary. "There is so much more inside him that he can't get out."

With the help of a CAT scan, a neurologist finally diagnosed Matthew as having Agenesis of the Corpus Callosum (ACC)—a rare congenital abnormality involving a partial or complete absence (agenesis) of an area of the brain made up of transverse fibers that connect the two cerebral hemispheres. First documented in the early 1800s, it hasn't been until recently with use of CAT scans and Magnetic Resonance Imaging (MRI) that reliable diagnoses have been possible.

Suddenly, the first nine years of Matthew's life made sense. "Conceptually it brought him together as a whole person," Kathy said. "If the bridge (between the hemispheres of the brain) is partial, it makes sense that there would be neurological processing problems, vision problems, coordination problems."



While no diagnosis could erase all the pain and guilt Kathy and Gary endured amid the uncertainty, they were assured that their perseverance with Matthew had paid off. According to the diagnosing neurologist, Matthew was functioning as a much higher level than the doctor would have expected given the formation of his brain as shown on the CAT scan.

"We were patient with Matthew when he talked," Kathy said. "He'd be saying something and we would stop what we were doing and wait. It often takes him a long time to get his thoughts out, and you have to understand his context. You realize that you've got to keep listening and suddenly you will understand what he is trying to communicate. You need to have a lot of faith in him, you have to learn to believe that there is a reason Matthew is saying what he's saying."

"A journalist speaking of a man who

Matthew's Story



The Schilmoellers:
Matthew, Gary, Brian and Kathy
Photo by John Baer

peers, an experience Kathy and Gary describe as "perhaps more painful for us than it was for him." Matthew was a follower, and often set up for trouble. He was noticeably uncoordinated yet sports-oriented. All play activities took a long time for Matthew to do. And behind it all was Matthew's desire and determination to participate even though he couldn't function at the level of his peers.

Today, Matthew is 14 - "in full bloom in this, his first year of adolescence," according to Kathy and Gary. He is a very enthusiastic, personable young man who has no qualms about talking to adults or children. He rides a bike (it took him four summers to learn), he swims and this summer will be participating in the Children's International Summer Villages Interchange with Sweden. This summer he will host a Swedish boy for a month and the following summer he will travel to Sweden to spend a month with the Swedish boy's family. Matthew is, and always has been, willing to try most anything - and assumes he can do anything. Best of all, according to Matthew, he's now taller than both his parents and delights in looking down at them.

It's only been in the last couple years that Matthew communicated to us that he realized he is "different," his parents said. It has also been in the last couple of years that Kathy and Gary set out on a quest to find other persons with ACC who are older than Matthew in an effort to learn more about the rare disorder.

Instead, they have found themselves providing answers - and hope - for more than 100 families most of whom have a child with ACC younger than Matthew.

It all began in 1989 when Kathy and Gary were attending a Parents Encouraging Parents family support workshop in Bethel for parents with special needs children. The Schilmoellers happened to sit within earshot of a couple who were

continued on page 6

has ACC and who was the inspiration for the movie, 'Rainman,' described his language as being like a humming bird - picking one area and hovering, jerking, moving from one location to another, often talking about something you don't know the context of, then jumping, but in his mind there is a connection. My task with Matthew is to find out what the connection is," said Kathy. "It's not irrational."

Understanding Matthew verbally was a struggle. But even tougher to understand was just what Matthew knew. He often doesn't show signs of learning. And without feedback you want to give up. The issue became even more poignant when Matthew reached schoolage and was tested.

As part of a test for kindergarten, Matthew was asked to draw a man and could not. But later at home, he took

scraps of paper and tape, and made two faces.

"This is me and this is my friend," he told Kathy.

"We just have to find the medium for him to show what he knows," she said.

"The dilemma," said Gary, "is that we can't always figure out a good way to measure what he knows. His longterm memory is good. He sits and watches news programs, taking it all in. Yet he has a difficult time with productive language, writing, and tests. We're confident that he's absorbing information but we can't get an adequate barometer of what that is.

"The issue is that we can't know what he's taking in, and how to help get it out and what he'll bring out when it finally does come."

When he was in elementary school, Matthew was sometimes rejected by his

Matthew *continued from page 5*

talking about their child who had symptoms similar to Matthew's. It turned out that the child has ACC. Kathy and Gary have since learned of five other Maine families who have children with the disability.

In November 1990, Kathy and Gary published the first edition of a "Directory of Families with Children Who Have Agenesis of the Corpus Callosum," complete with the names of 45 families and symptoms and behavioral descriptions of their children with ACC. The directory includes families from 24 states as well as Canada, Puerto Rico, and Costa Rica.

At one end of the spectrum, the children in the directory have severe retardation and physical disabilities; at the other, youngsters like Matthew who have no obvious physical symptoms but are developmentally delayed and have learning disabilities.

Most of the children in the directory were diagnosed by CAT scans or MRI. According to the National Organization For Rare Disorders, Inc., Agenesis of the Corpus Callosum is diagnosed in approximately 90 percent of patients during their first two years of life. Seizures are often the first clue, followed by such symptoms as feeding problems, and delays in holding the head erect, sitting, standing and walking. There may be mental and physical development impairment, impaired hand-eye coordination and visual or auditory memory impairment. In some mild cases of Agenesis of the Corpus Callosum, the symptoms may not appear for years - appearing as seizures, monotonous or repetitive speech, or headaches. There is a good possibility, Kathy said, that there are children who are getting "lost in the cracks" - remaining undiagnosed and misunderstood as lazy or slow.

Profiles of the children in the Directory include the symptoms of ACC and much more. He is a "very happy child who is pleasant and playful with other children and adults," wrote one mother. "Wonderful sense of humor; high reading level," wrote one couple of their son. "100 percent honest," another parent wrote.

"Part of our hope was that, in the network, we'd find out about older people with the disorder," Kathy said. "But most of the children we've found are much younger and we're able to do for those

families what we hoped they could do for us. Just the fact that Matthew is able to talk gives them hope.

"Most often over the phone we hear people say, 'You're the first family we've talked to with this.' They are flabbergasted when they discover that the person who answered the phone was Matthew."

The experience of compiling a Directory and networking with other families has helped the Schilmoeller family come to terms. "It has helped our family talk about this," Kathy said, and helped them solidify their dreams for the future.

The Directory will be revised and updated this year. Kathy and Gary will be making presentations at conferences in an attempt to sensitize people - particularly those who are working with families and children. To enhance further communication, they hope to start a newsletter for the families. And in the future, a national conference on Agenesis of the Corpus Callosum is contemplated.

"For parents we don't have a specific message, only that we're willing to listen

and provide information, answering questions about Matthew's development," Kathy said. "Gary and I have learned a lot about child development in pursuing our graduate degrees - Matthew has taught us just how much we don't know."

"My teaching is better because of him," said Gary, who last fall even had Matthew come to his Child Development class and talk about Agenesis of the Corpus Callosum. "It humbles us to see how much he has accomplished given his condition."

"We appreciate issues concerning people with disabilities that we hadn't been sensitive to before," said Kathy. "It also helps us appreciate the miraculousness of so-called normal children. Your whole perspective changes."

I felt a lot of sadness when I thought about what a great guy he would have been if he didn't have to deal with this disability. Now we say - what a great guy he is!"



It's Classified

The focus of this column will be topics of interest to classified employees. Questions and/or suggestions for future columns may be addressed to: Kathleen Gaede, 123 East Annex.

The third annual activity to honor clerical support staff was held on National Secretary's Day, April 24. A recognition brunch was held in the Wells Dining Commons. Jane Searles, employment and training specialist with the Displaced Homemakers Program, spoke on techniques which are helpful in balancing the various demands on people who work. President Dale Lick greeted the staff present and introduced the guest speaker. Drawings for door prizes, donated by on-campus departments, completed the morning activities. Again this year, National Secretary's Day fell on Maine Day, so many honored staff left the brunch to also participate in those activities.

Coming up May 15 is the campuswide coffeebreak for all employees, and also that evening, the annual Classified

Awards Banquet. During the banquet, retirees, 25-year employees and special award winners are recognized and honored for their contributions to the University. All employees are invited to purchase tickets. Interested persons may call Brenda Willette, x1581.

Recognizing the contributions of University employees is an important goal of our administrators. President Lick has sponsored various breakfasts and lunches to which all employees are invited. The campuswide coffeebreak is a long-standing tradition as are the banquets held in May to honor classified and professional employees. Because of a recommendation by the Task Force on the Status of Women several years ago, a special recognition event has been held for three years on National Secretary's Day. The University is however, open to suggestions about other ways employees can be recognized for their efforts. President Lick has suggestion boxes in several campus locations. Ideas can also be sent to Human Resources in Coburn Hall or Personnel Services in East Annex.

UM Calendar

April 29-May 11

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to:
Maine Perspective Calendar
Public Affairs.

Calendar of events listings MUST be typewritten and should be sent AT LEAST TWO WEEKS in advance.

Deadline for each issue: 9 a.m. Friday

For more information, call x3745.

LAST-MINUTE NOTES:

"Integrated Global Baseline Monitoring," by G. Bruce Wiersma, part of the Forestry Noon-time Seminar Series, noon, April 26, 204 Nutting Hall.

"Evolution of Sex Allocation and Fertilization Rate in Fishes," by Chris Peterson, College of the Atlantic, part of the Migratory Fish Research Institute, 3:10 p.m., April 26, 102 Murray Hall.

29 Monday

"The Deer Hunter," a No Popcorn Cinema presentation, noon, April 29, Sutton Lounge, Union. x1734.

"Benefit-Cost Analysis of Wildlife Reintroduction Projects," by Deanna Potter, candidate for masters of science, agriculture and resource economics, 3 p.m., April 29, Conference Room, Winslow Hall.

Memorial Union Galleries (MUG) Community Liaison Committee Meeting, 3 p.m., April 29, 1912 Room, Union. x3255.

"Quantum Cryptography," a lecture by George Markowsky, part of the Computer Science Department Seminar Series, 3:10 p.m., April 29, 108 Neville Hall. x3941.

30 Tuesday

"F/X," a No Popcorn Cinema presentation, noon, April 30, Sutton Lounge, Union. x1734.

"The Backwoods of Komi, Russia Off the Beaten Track," a lecture by Barrie Brusila, consultant forester, part of the Wildlife Seminar Series, noon, April 30, 204 Nutting Hall. x2862.

"Something to Fight Over: Nebraskans and Divorce," a lecture by Paula Petrik, part of the Women in the Curriculum Lunch Series, 12:15 p.m., April 30, Bangor Lounges, Union. x1228.

"Past, Present and Future of the Soil Nitrate Test for Corn in Maine," a lecture by Chris Jones, part of the Graduate PSE Seminar Series, 3:10 p.m., April 30, 17 Deering Hall. x2997.



"Health Care in Late Adulthood: Financial Aid Considerations," moderated by Betsy Allin, 3:30-5 p.m., April 30, Dexter Lounge, Alford Arena, including: "UMS Health Insurance Coverage for Retired Employees," by Mavis Husse; "Financing Long Term Health Care: Do You Need Nursing Home Care Insurance?" by Frank Kimball, Maine State Bureau of Insurance and "Alternative Housing and Long Term Health Care Options," by Madeleine Freeman, executive director of the Eastern Agency on Aging. x2367

1 Wednesday

"Managerial Psychology: What Managers Need to Know About the Way People Behave," MGT 056, a Management Programs seminar by David Campbell, management consultant and former lecturer, Harvard University, 9 a.m.-4 p.m., May 1, Hilltop Conference Room. Admission. x4092.

"Bull Durham," a No Popcorn Cinema presentation, noon, May 1, Sutton Lounge, Union. x1734.

"The Leningrad Connection," a report on their recent trip to Leningrad by Stan Freeman, Lynn Nelson and Bill Nicoll, noon-1:30 p.m., May 1, Lown Room, Union.

Women's Center Meeting, 3-5 p.m., May 1, South Bangor Lounge, Union. x1656.

Opening Reception of Guatemalan Exhibits, 4 p.m., May 1, Hauck Gallery, Union. x3255.

Retirement Reception for Robert Rhoads, 4-6 p.m., May 1, University Club, Union.

CALENDAR OF ONGOING EVENTS

1991 Annual Art Student Exhibition, through May 3. University of Maine Museum of Art, Carnegie Hall. x3255.

Certificate In Human Resource Management: Recruitment and Employment, MGT604, a Management Programs certificate course by Margaret Beckman, personnel director, Training and Development Corp., Tuesdays, 6-9 p.m., May 7-28, 130 Barrows Hall. Admission. x4092.

"Community and Personal Transformation," the Center for Noetic Studies 1991 Spring Conference, May 10-11 beginning with keynote address: "The Findhorn Community and Its Relevance to Maine," 7 p.m., May 10, 100 Neville Hall by William Martin, member of the Findhorn community for 12 years; May 11 workshops begin with registration at 8:30 a.m. May 11, Union. Registration fee. 942-3886/827-5623.

"Symbols of Identity, Status and Power in Africa" a Hudson Museum Exhibit developed from the Museum's permanent collection, through May 19, Hudson Museum, Maine Center for the Arts. x1901.

Lawprep Institute, MGT901, a Management Programs course, Mondays and Wednesday, 6-9 p.m., May 20-July 8. Location TBA. Admission. x4092.

"Pars Orientalis: East Asia in Early Maps," an exhibit of 35 maps documenting the discovery and exploration of Asia and examining European perceptions of the region, through May 26, Hudson Museum, Maine Center for the Arts. x1901.

"The Magic of Mexican Masks - Recent Acquisitions," a Hudson Museum Exhibit of Mexican dance masks and dance paraphernalia, through July 7, Hudson Museum, Maine Center for the Arts. x1901.

Senior Swim Exercise Class for those 55 and older to improve their cardiovascular fitness, flexibility and stroke. Ann Skalski, a fellow senior will be the instructor. 10-11 a.m., Monday and Wednesday, Wallace Pool. Admission. x1082.

Masters Swim Program for intermediate to highly skilled swimmers, workouts in a structured setting with some instruction and monitoring, 11-11:45 a.m., Monday, Wednesday, Friday, Wallace Pool. Admission. x1082.

Monday Jazz, every Monday, 12:15 p.m., Union. x1734.

Loved Ones in the Middle East Support Group for friends and family members of those involved in Operation Desert Storm, offered by the Counseling Center, Mondays, 3:30-5 p.m., Counseling Center, Fernald Hall. x1392.

Newman Center/Our Lady of Wisdom Parish Weekly Liturgy Schedule: Monday-Thursday, 4:45 p.m.; Sunday 9:30 a.m., 11:15 a.m. (Union); and 6:15 p.m. 866-2155.

Peace Club Meeting, 5 p.m., Mondays, Bangor Lounge, Union. x2509.

Yoga and Meditation, every Tuesday, 7:30-8:30 a.m., Wilson Center, 67 College Ave., 866-4227.

Support Group for Students with Learning Disabilities, every Tuesday, 3-4:30 p.m., Old Town Room, Union. x2311.

Maine Peace Action Committee (MPAC) Meeting, 4-5:30 p.m., every Tuesday, Virtue Room, The Maples. x3860.

Job Networking Support Group, noon-1 p.m., every Wednesday, Ham Room, Union. x4014.

Support Group for Parents of Children with Special Needs, every Wednesday, 3-4:30 p.m., Old Town Room, Union. x2311.

University of Maine Archeological Society, open to all majors especially those linked with anthropology and archaeology, every Wednesday, 7 p.m., Sutton Lounge, Union.

Ecumenical Bible Reflection, every Thursday, noon-1 p.m., Stodder Private Dining Room. 866-4227.

UM Chess Club Meeting, every Thursday, 7 p.m., Lynch Room, Fogler Library, tournaments, discussions, skittles and games. x3522 or 866-4589.

Campus Crusade for Christ, every Thursday, 7:30 p.m., North Bangor Lounge, Union. 866-2830.

International Coffee Hour, 4:30 p.m., Friday, Bangor Lounge, Union.

Worship and Celebration, every Sunday, 5-6 p.m., followed by a light supper, Wilson Center, 67 College Ave. 866-4227.

Foreign Language Brown Bag Lunch Tables: French-Monday; Russian-Tuesday; German-Wednesday; and Spanish-Thursday. All tables held in 207 Little Hall, noon-1 p.m. x2073.

1 Wednesday

Movie: "Ferris Bueller's Day Off," a No Popcorn Cinema presentation, 7 p.m. and 9 p.m., May 1, 130 Little Hall.

2 Thursday

"The Deer Hunter," a No Popcorn Cinema presentation, noon, May 2, Sutton Lounge, Union. x1734.

"Effects of a Minimal Cognitive Intervention on Alcohol-related Knowledge and Attitudes of Fraternity Members," an oral exam by John Bowling, candidate for master's degree in counselor education, 1 p.m., May 2, 159 Shibbes Hall.

"Digital Implementation of Variable Structure Systems," by Peter Chadbourne, candidate for master's degree in electrical engineering, 2 p.m., May 2, 152 Barrows Hall.

Honors Convocation, 3:30 p.m., May 2, Hutchins Concert Hall, followed by reception, Bodwell Dining Area, Maine Center for the Arts. x3264.

Movie: "The Naked Gun," 7 p.m. and 9 p.m., May 2, 130 Little Hall.

3 Friday

"Team Building: An Experiential Workshop," a Management Programs seminar by Patricia Roach, human resource management consultant, 9 a.m.-4 p.m., May 3, Hilltop Conference Room. Admission. x4092.

"The Nototheniidae and Other Fishes of the Antarctic," a lecture by Hugh DeWitt, part of the Department of Zoology Faculty/Student Colloquium Series, noon, May 3, 103 Murray Hall. x2546.

Oral exam by Megan DeSouza, candidate for Master of Arts in teaching French, 3-5 p.m., May 3, 207 Little Hall.

Calendar

Classes end 5 p.m., May 3.

Movie: "Misery," 6:30 p.m. and 9 p.m., May 3, Hauck Auditorium, Union. Admission.

"F/X," a No Popcorn Cinema presentation, 7 p.m., May 3, Commuter/NTS Lounge, Union. x1734.

4 Saturday

"Bull Durham," a No Popcorn Cinema presentation, 7 p.m., May 4, Commuter/NTS Lounge, Union. x1734.

Music Department Faculty Gala, 8 p.m., May 4, Hutchins Concert Hall. x1755.

6 Monday

Finals exams begin 8 a.m., May 6.

"Night at the Opera," a No Popcorn Cinema presentation, noon, May 6, Sutton Lounge, Union. x1734.

"Expression of a Diabetes Resistant H-2 Haplotype on Cells of Hematopoietic Origin, But Not Thymic Epithelium, Blocks Development of Diabetogenic T Cells Derived from NOD/Lt Marrow," an oral exam by David Serreze, candidate for Ph.D. in microbiology, 1 p.m., May 6, Hitchner Hall.

7 Tuesday

"Collecting Past Due Accounts: Improve Results Without Losing Customers," a Management Programs seminar by Alan Theriault, senior vice president, Credit Union Mortgage Services, 9 a.m.-4 p.m., May 7, Hilltop Conference Room. Admission. x4092.

"Philadelphia Story," a No Popcorn Cinema presentation, noon, May 7, Sutton Lounge, Union. x1734.

"Legal Consideration as You Prepare for Retirement," with "Living Wills, Power of Attorney, Trusts and Other Legal Tools for Preserving Personal Autonomy," by Eleanor Bruchey, legal department, Eastern Agency of Aging, 3:30-5 p.m., May 7, Bodwell Dining Area, Maine Center for the Arts. x2367.

The Counseling Center Offers the Following Groups for the spring semester. For more information, contact the Center, x1392/x4020.

General Therapy, led by Russ Whitman and Paula Bickham, Thursday, 4-5:30 p.m.

Graduate Students and Returning Adults, led by Doug Johnson and April Colburn, Monday, 3:30-5 p.m.; and Tuesday led by Doug Johnson and Paula Bickham, 3:30-5 p.m.

The Women's Group, led by Liane Hamrick and Kai Kirby, Friday, 11 a.m.-12:30 p.m.

The Men's Group, led by Doug Johnson and Ken Dugan, Thursday, 3:30-5 p.m.

Eating Issues, led by April Colburn and Gerard Saucier, Tuesday, 3:30-5 p.m.

ACOA/Troubled Families Group, led by Bill Andrews and Ken Dugan, Monday, 3:30-5 p.m.; and Tuesday led by Bill Andrews and John Bowling, 3:30-5 p.m.

Gay/Lesbian/Bisexual Support Group, facilitated by Russ Whitman and Mary Kay Kasper, Monday, 4-5:30 p.m.

Incest Survivors Group, led by Liane Hamrick and Kai Kirby, Thursday, 3:30-5 p.m.

8 Wednesday

"Preliminary Analysis of the Stratigraphy in the Gulf of Maine, Thoughts on Glacial/Deglacial History," a lecture by Tania Bacchus, part of the Oceanography Seminar Series, 11 a.m., May 8, 125 Lengyl Gym. x1445.

"Blazing Saddles," a No Popcorn Cinema presentation, noon, May 8, Sutton Lounge, Union. x1734.

10 Friday

Final exams end May 10.

11 Saturday

Army, Navy and Air Force ROTC Commissioning Exercise, 8 a.m., May 11, 101 Neville Hall. x1122.

Ecumenical Baccalaureate Service, 8 a.m., May 11, Wells Commons Lounge.

"Substance Abuse in the Work Place," a Management Programs seminar by Williams Paul, Director, Health Psychology, Houlton Regional Hospital/Medical Arts, Inc., 9 a.m.-4 p.m., May 11, Hilltop Conference room. Admission. x4092.

Commencement begins at 10:30 a.m., May 11, football field. (In the event of inclement weather, Commencement will be held in Alford Arena. Announcements will be made on local radio stations if Alford is to be used. Indoor exercises will begin at 10:30 a.m. for the Colleges of Applied Sciences and Agriculture, Education, Engineering, and Forest Resources, the Graduate School, School of Engineering Technology, and the Technical Division of Applied Sciences and Agriculture. Indoor exercises will begin at 2 p.m. for the Colleges of Arts and Humanities, Business Administration, Sciences, and Social and Behavioral Sciences, and University College.)

PLACES TO BE

Dining Services: Bear's Den - 7 a.m.-10 p.m. Monday-Friday, 11 a.m.-10 p.m. Saturday-Sunday, bar opens 4 p.m. Monday-Saturday; Damn Yankee - 10 a.m.-2 p.m. Monday-Friday; Fernald Snack Bar - 7 a.m.-5 p.m. Monday-Friday; Fernald Soup Kitchen - 5:30-6:30 p.m. Monday-Thursday. University Club - 11 a.m.-2 p.m. lunch Monday-Friday; 5-8 p.m. dinner Monday-Thursday; bar, 4-6 p.m. Wednesday-Thursday, 4-7 p.m. Friday. 581-4706.

Summer Hours for the Damn Yankee, May 13-Aug. 30: Monday-Friday 7 a.m.-2:30 p.m.; closed May 27, Memorial Day and July 4.

Dining Commons: Open for summer conference business, summer seniors, resident hall students and the campus community. June 2-Aug. 30; in operation for three meals a day seven days a week. Breakfast - 7-9:30 a.m. Monday-Friday, 7:30-9 a.m. Saturday, 8-9:30 a.m. Sunday. Lunch - 11:30 a.m.-1 p.m. daily; Dinner - 4:30-6:30 p.m. Monday-Friday, 4:30-6 p.m. Saturday-Sunday.

Farm Store: noon-8 p.m. Monday-Friday. 581-3227.

Fay Hyland Arboretum: Open daily. 581-2970.

Hudson Museum: 9 a.m.-4 p.m. Tuesday-Friday; 9 a.m.-3 p.m. Saturday; 11 a.m.-3 p.m. Sunday. Closed Monday. Hudson Museum Shop: 10 a.m.-3 p.m. Tuesday-Saturday; 11 a.m.-3 p.m. Sunday. 581-1901.

J. Franklin Witter Center (cow barns): 7 a.m.-4:30 p.m. daily; milking begins 2:30 p.m. 581-2757.

Hauck Gallery (art): 6 a.m.-11:30 p.m., Monday-Thursday; 7 a.m.-12:30 a.m., Friday-Sunday. 581-1731.

Hole in the Wall Gallery (art): 9 a.m.-4 p.m., Monday-Friday; Closed Saturday. 9 a.m.-5 p.m., Sunday. 581-1731.

Lyle E. Littlefield Ornamental Trial Garden: Open daily. 581-2918.

Memorial Union Newscounter: 7:30 a.m.-4 p.m., Monday; 7:30 a.m.-7:30 p.m., Tuesday-Thursday. 581-1740.

Northeast Archives of Folklore and Oral History: noon-4:30 p.m. Monday-Friday. 581-1891.

Raymond H. Fogler Library: 8 a.m.-midnight Monday-Thursday; 8 a.m.-10 p.m. Friday; 10 a.m.-10 p.m. Saturday; 10 a.m.-midnight Sunday. 581-1661.

Recreation Center: 9 a.m.-10 p.m., Sunday-Tuesday; 9 a.m.-11 p.m., Wednesday-Saturday. 581-1750.

Roger Clapp Greenhouses: 8 a.m.-4:30 p.m. Monday-Friday. 581-3112.

Smith Farm (sheep barn): Open to guided tours only. 581-3743.

the Map Store: 8 a.m.-4:30 p.m., Monday-Friday. 581-MAPS or 1-800-244-MAPS.

University Bookstore: 8 a.m.-4:30 p.m. Monday-Friday. 581-1700.

University of Maine Herbarium: To visit the Herbarium, contact the Department of Botany and Plant Pathology. 581-2970.

University of Maine Museum of Art: 8 a.m.-4:30 p.m. Monday-Friday, 1-4 p.m. Saturday. Wednesday evening until 8 p.m. 581-3255.

University of Maine Planetarium and Observatory: For show reservations or viewing hours in the Observatory, call the Planetarium. 581-1341.



Positions

Advertisements for job openings to appear in Maine Perspective must be submitted to the Office of Equal Opportunity, 318 Alumni Hall, no later than noon Wednesday. Guidelines for filling professional positions, including forms for posting positions in Maine Perspective, are available by contacting the office of Equal Opportunity, x1226. A Request to Fill Form must be approved before posting in Maine Perspective (if not already approved).

Cheerleading Coach, Athletic Department. Eight-month, part-time position. Qualifications: Cheerleading and coaching experience. Must be able to supervise all team activities including tryouts, practices, game travel, clinics and over-all program. Salary: \$6,000. Deadline for applications: May 3. Start Date: Aug. 1. For further information and to apply contact: Linwood Carville, Memorial Gym. Tel: (207) 581-1047.

Extension Educator University of Maine Cooperative Extension. Tenure-track position. Qualifications: Master's degree with at least one degree in a field related to agriculture. Demonstrated skills in interpersonal communications, program development and evaluation. Demonstrated ability to work effectively in interdisciplinary programs. Salary: \$22,854. Deadline for applications: May 25. Start Date: June 15. For more information and to apply send letter of application, transcripts, resume and three letters of reference to: Vaughn Holyoke, 103 Libby Hall. Tel: (207) 581-3191.

Research Assistant, Darling Marine Center: Biochemistry, Microbiology, Molecular Biology. Twenty-one months, renewal will be contingent on receipt of additional external funding. Qualifications: Bachelor's degree with at least two years related experience or master's degree in appropriate field (diving, chemistry). Salary Range: \$15,000-\$18,000. Review of applications began April 15. Start Date: May 1 or as soon as possible thereafter. For further information and to apply send a cover letter and two references to: Robert Findlay, Darling Marine Center, Walpole. Tel (207) 563-3146.

Assistant/Associate Professor of Education, Counselor Education. Tenure-track position. Qualifications: Doctorate in counselor education or related field, public school experience, commitment to developmental counseling in school and community settings. Salary Range: \$32,000-\$38,000. Deadline for applications: May 24. Start Date: Sept. 1. For further information and to apply, send a letter of application describing educational and professional experiences and teaching and research interests; vita; three current letters of recommendation; official transcripts; and sample of school work to: Janice Kristo, 325 Shibles Hall. Tel: (207) 581-2454.



From the Library ...

The Special Collections Department recently received the Bert Call Northern Maine Woods Photograph Collection. The collection actually consists of two large groups of negatives taken by Bert Call. One group was donated by the Dexter Historical Society and the other by John Reed, Bert Call's grandson.

Albert Lincoln Call, 1866-1965, was known as Bert Call. He started his career in photography in 1886 when he became an apprentice to A.G. Fassett in Dexter, Maine. Call proved to be an excellent photographer and within a short time was able to buy the studio from Fassett. Call was a portrait photographer in Dexter for many years, but he was invariably drawn to the northern Maine woods, and he always took his camera with him on long treks and camping trips. The result has proven to be a documentary collection of outdoor scenes of mountains, lakes, woods and streams in pristine settings. Many of his photographs in these settings include people - woods workers, campers, fishermen, hunters and hikers. Because of the quality of his work, the Bangor and Aroostook Railroad purchased a number of his photographs to be used in their annual publication In the Maine Woods, from 1915 until about 1939.

Most of the photographs are in black

The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, the jobs are full-time, and the address for application information is: The contact person listed, department, University of Maine, Orono, Maine 04469. The listings above are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information.

and white. Some were enlarged and colored, however, in Call's studio. A recent exhibit of his photographs in the Hole in the Wall Gallery, Union, attests to the excellence of his work.

The total number of negatives included in the two gifts to the Special Collections Department number 3,376, along with 176 circuit negatives. They are mostly nitrate. A matching grant from the Library Development Services of the Maine State Library has made it possible to process the negatives. The Northeast Document Conservation Center, a non-profit group located in Andover, Mass., is going to make a microfilm copy of the negatives as well as interpositives and positives so that use of the collection will be possible.

The Special Collections Department is pleased to be the recipient of these photographs which compliment so well our manuscript and printed holdings dealing with the northern part of our state.

**Along the Mall, Publications
and Campus Notes
Deadline: 9 a.m. Monday**



Overseas Outlooks

Editor's Note: The following is a monthly column from the UM Office of International Programs, written by Scott Marion, research associate in Education, Malcolm Hunter, professor of Wildlife and William Glanz, associate professor of zoology, the three instructors for the course described.

Tropical Ecology and the University of Maine, or How We Spent Our Spring Break.

Sixteen University of Maine students and three instructors spent March break studying tropical ecology on the Caribbean island of Dominica. With its 4,000-foot volcanic mountains, lush rain forests, two endemic parrot species and abundant marine life, Dominica was a perfect setting for reviving INT 375: Field Studies in Ecology, a course that has been offered only twice in the last 15 years.

Our course was based at the Archbold Tropical Research Center, a newly-created field station operated by Clemson University for a consortium of 10 institutions. Set in a lush valley 1,250 feet above sea level with a magnificent view of the Caribbean, the Center's property includes examples of plantation agriculture and second-growth forest, and is within walking distance of primary rain forest. Part of the Center is run as a commercial guest house, but students stay in dormitory-style accommodations costing (due to consortium subsidies) only about 40 percent the usual market rates.

Dominica's rugged topography has helped keep much of its original rain forest and wildlife free from human destruction. Among the Lesser Antillean islands, Dominica has the largest extent of unspoiled vegetation with 60 percent of its 290 square miles in various forest types including elfin woodland, moist tropical forest and dry coastal woodland. While its biodiversity is impressive (about 1,000 vascular plant species and 166 bird species), its isolation from the mainland has resulted in a less complex ecosystem than one might find in Central or South America. We saw this as an advantage for our class, because students were able to learn about tropical

ecology without feeling overwhelmed by the diversity of a mainland forest.

Dominica is at a critical point in its economic development. The island's main source of income is its banana crop, which is purchased almost exclusively by Britain, but in 1992 European Economic Community regulations will terminate this contract, forcing competition with South American sources. Because of the potential loss of agricultural income, there is strong interest on Dominica is promoting nature tourism. One of the goals of the Archbold Tropical Research Center is to involve students and researchers in studies of natural resource management to evaluate ecotourism and other potential forms of sustainable economic development.

The diverse backgrounds of our students (six UM colleges were represented) helped us to explore a broad range of research and educational opportunities on Dominica. Because only two students had visited the tropics previously, we spent much of the first week of the course orienting ourselves at the Research Center and exploring the island's major habitats. A highlight of the first week was a visit to the Northern Forest Reserve on the slopes of Mount Diablotin, home to most of the remaining parrots on Dominica. Within minutes of starting up the trail we were treated to exceptional views of three Sisserou Parrots, about five percent of the world's population of this species.

Another day we hiked through plantations, forest and elfin woodland to the Valley of Desolation - a vivid example of Dominica's recent volcanic activities. We carefully followed a trail among hot sulphurous rivers and steam vents to Boiling Lake, the second largest flooded fumarole in the world. Other field trips included a hike to Middleham Falls and its nearby primary rain forest, and a visit to the dry coastal forest and historic forts on the Cabrits Peninsula.

One of us, Scott Marion, is involved in Seafarers Expeditions, a natural history tour company that conducts whale and seabird tours in the Caribbean. Thus we were able to give our UM students a chance to experience a part of Dominica

most visitors never see. On board the 62-foot schooner Bruur, we first sailed south for some coral-reef snorkeling, then headed offshore to search for whales and dolphins. It was a great day: we observed eight sperm whales, including two calves, and we were able to listen to the species on our hydrophone. Later, with the sun dropping below the horizon, a mixed group of spotted and spinner dolphins appeared and escorted us part-way home.

When the students were not exploring the island, learning the flora and fauna near the station, or listening to guest lectures from Dominican officials, they were planning independent research projects. As might be expected, many proposed studies were tried, modified and even replaced entirely, but eventually everyone had a feasible project to undertake during the second week. The exotic avifauna enticed three students to focus on birds - one on hummingbird territoriality, another on Trembler (an unusual thrasher), and a third on the bird species using coconut vs. citrus groves. Others studied pollinating insects, fruit-scavenging invertebrates and the crustaceans below waterfalls. Two projects examined lichen distribution and diversity, two assessed soil characteristics and one looked at regeneration of the Gommier, the island's most valuable timber species. Another student evaluated Dominica's land tenure system, interviewing government officials who manage land transfers and actual landowners in two nearby towns.

The final day of the course was devoted to presentation of results of each project. This involved visiting each study site, where students demonstrated their field methods and discussed their data. Since returning to Maine, each has written a comprehensive abstract of the project's results and copies of these summaries will be distributed to the field station, its director at Clemson, and interested parties at the University of Maine.

We would like to offer similar tropical field courses to UM students in future years. Unfortunately, we may not be

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Campus Notes

The University of Maine Museum of Art is formulating a new direction for displaying art in the Memorial Union Galleries. This focus includes displaying works of art by those whose voices are not always privileged - especially in a museum environment. Exhibitions planned include those portraits of AIDS victims, Guatemalan textiles and a State of Maine invitational amateur art show. The Museum has established a committee to provide suggestions and support programming for art exhibitions in the three galleries of the Memorial Union. These meetings are open to the public. There will be a Memorial Union Galleries (MUG) Community Liaison Committee Meeting, 3 p.m., April 29, 1912 Room, Union.



Overseas Outlooks *(cont.)*

able to use the Archbold Tropical Research Center again unless the University of Maine joins the consortium. This year we were able to participate because many of the member universities in this new consortium have not yet developed courses to fully use the facilities. In the near future, prime travel periods (Christmas and spring break) will be unavailable to non-member institutions. Tropical fields courses such as this one are valuable educational experiences: they allow students to learn about tropical organisms and environments, to explore international development and conservation issues and most importantly, to broaden their overall perspective on the world. We recognize these are hard times for the University to consider new financial commitments, but we note that courses such as this can generate additional tuition revenue to offset some costs, while greatly enhancing the international options for students. For further information on the Archbold consortium or other tropical research and educational groups, we (the INT 375 instructors) can be contacted at our campus addresses.

Dining Commons Schedule During Finals Week and Commencement: May 10 - All Commons open for regular schedule through noon; Hilltop and York Commons Serve 4-6:30 p.m. May 11 - Modified Continental Breakfast, Wells Commons, 7-10:30 a.m.; Lunch, Wells Commons, 11 a.m.-1:30 p.m. All Commons closed Saturday evening. **Bear's Den hours:** May 10 - 7 a.m.-8 p.m.; May 11 - 7 a.m.-4 p.m.

The need for fraternity/sorority house live-in advisor candidates: The University of Maine now requires all fraternities and sororities with houses to have a live-in advisor. Our Greek organizations have complied with this requirement and now employ individuals to serve in this capacity. We are anticipating regular inquiries by our system for the names of qualified individuals - both male and female - who would be interested in serving in this capacity. Specific qualifications for the live-in advisor position are:

1. Live in the house while the University is in session; commit considerable time to the advocacy role.
2. Skills in assertiveness, leadership, group advising, human relations and management.
3. A minimum of a bachelor's degree and three years of full-time related work experience.
4. Have a mature presence.
5. Work experience.
6. Greek or community living experience.

If you know of someone who might be interested in a position of this nature, share this with them so they may forward their name and address to the Student Activities Office, Memorial Union. Complimentary room and board would be available to all live-in advisors along with the possibility of a stipend.

All faculty and staff working with students being readmitted to the University for fall 1991 should encourage them to contact the Office of Residential Life for housing information and an application. They will be housed on a first-come, first-serve basis. If a readmitted student is interested in on-campus housing, he or she must contact Residential Life to receive information because there is no automatic mailing for these students. For more information, call Residential Life, Estabrooke Hall, x4584.

A newly-revised course, EDH 561-Comparative Education, is scheduled to be offered during the fall 1991 semester. The course will examine systems of education in representative countries of the world, including an analysis of cultural forces that create differences among them. Members of the campus community with background in other educational systems and an interest in contributing to the course are invited to contact Bernard Yvon, 317 Shibles Hall, x2491.

Available through the Employee Assistance Program: If you have a family member, dear friend, co-worker whose drinking behavior is of real concern to you or is affecting your life in a way that makes you uncomfortable, EAP needs you. A therapy/educational group led by a trained facilitator needs a few more UM employees or their immediate family members to fill the requirement. This strictly confidential group is held Wednesdays, 4:30-6 p.m., EAP Office, 126A College Ave. Call EAP, x4014, for further information as soon as possible. Nominal fee can be payroll deducted. **A Parent Support Group** is available at the Old Town YMCA Thursdays, 10-11:30 a.m., for parents who want to improve their relationship with their children, and gain support and encouragement from other parents. Free childcare is provided. For more information, call EAP, x4014. This group is free.



Editor's Note: This SuperNet 2000 column will appear weekly through the end of the semester, and will discuss many of the related issues such as data and video in more depth. If you have a concern you would like addressed in this column, write: SuperNet 2000, 251 Telecommunications Building.

Supernet 2000 Student Services

On Jan. 12, 1992, students will gain access to a convenience they've never had before - telephone service in each dorm room. No longer will there be lines at the payphones. Messages will be delivered quickly, accurately and confidentially. Parents, professors and administrators will finally have a reliable, consistent way to reach students.

Every student residence hall will be provided with dial tone from the new Northern Telecom SuperNode system. Rooms will also be wired for data capability. Room residents will share a single number in the 581 exchange for their private use. These lines will be analog touchtone lines. Students will be required to provide their own telephones which must be FCC-approved in order to guarantee their performance on the new telephone system. Also, in order to take advantage of other system features, these telephones must also be equipped with tone rather than pulse capability.

Students will sign up for telephone service. Telecommunications will turn on each residence hall line. These new lines will allow students to make free calls to the local Orono/Bangor area as well as to 800 numbers. As with today's telephones on each residence hall hallway, students will be able to reach all faculty, administrators and other residence hall lines on-campus by dialing only the four digit number. In the event of an emergency, everyone will be able to dial 911 to reach UM Public Safety. Long distance calls can also be placed from student rooms with the use of a long distance carrier's calling card. Students will dial 9+0+ a seven- or 10-digit number to reach either a credit card tone or an operator. 9+0 calls will not be allowed. At some point in the future,

students may be provided with University access codes which enable them to directly dial any long distance calls from their rooms. The University has asked the Maine Public Utilities Commission to determine the legality of long distance resale to students. If UM is allowed to do this, then less expensive long distance service will be available to the entire student community.

One feature which will greatly enhance student life is the Meridian Mail voice mail system. Meridian Mail will be installed at the same time as the new SuperNode system and will provide answering machine-like capability for all residence hall rooms as well as faculty and administration. One voice mailbox will be provided per room to take messages for all occupants. Students in each room will set their own unique password which will provide security against unauthorized access to their messages. Students will also record two separate greetings: one for callers within the campus community and one for calls from outside the University. These announcements can be recorded in any language, which may be of special interest to international students expecting calls from their home countries.

Meridian Mail allows callers to leave messages when students are either on the telephone or away from their rooms. No one will ever get those annoying busy signals when calling a student's line; a message will always get through. If students don't want to miss an important call, but happen to be working or studying in a different room, they will be able to forward their telephone and all calls to the nearest phone.

Students will know if they have a new message when they pick up the handset of their telephone and hear a stutter dial tone. Messages can be retrieved remotely any hour of the day from a touchtone telephone. Meridian Mail will tell them how many, if any, messages are new and the date and time they were received. SuperNode and Meridian Mail user instructions will be provided to each student.

This project will open up a whole new world of advantages to students. Faculty and administrative department traffic should decrease as more issues can be resolved over the telephone. Student activity information lines, menu plans and the Maine Center for the Arts events listing will only be a telephone call away. A committee has also been formed to investigate the opportunities afforded by Integrated Voice Response (IVR) technology, more specifically for touch tone registration, which will permit students to register for courses via a touchtone telephone. The University is working hard to make everyone's life easier with technology.



Publications

Mitchell Bruce, assist. prof., Dept. of Chemistry, with J.R. Pugh, T.J. Meyer, and B.P. Sullivan of the University of North Carolina: "Formation of a Metal-Hydride Bond and the Insertion of CO₂. Key Steps in the Electrocatalytic Reduction of Carbon Dioxide to Formate Ion," *Inorganic Chemistry*, 30 (1991) 86.

Pushpa Gupta and **Ramesh Gupta**, profs. of mathematics, participated in a conference "Applied Probability in the Engineering, Information and Natural Sciences," Monterey, Calif., Jan. 5-9. P. Gupta presented a paper: "Random Environmental Stress Model" and R. Gupta organized and chaired a session: "Stochastic Models in Reliability."

John Singer, assist. prof. of microbiology, **Katherine Schmidt**, grad. student, and **Paul Reno**, microbiologist at Oregon State University: "Polypeptides p40, p0m2, and pAngR are Required for Iron Uptake and for Virulence of the Marine Fish Pathogen *Vibrio anguillarum* 775," *Journal of Bacteriology*, Vol 173 (3) (1991) pp. 1347-1352.

Bob Strong, assoc. prof. of finance: "Quantifying Condors," in the March issue of *Futures Magazine*.



Along the Mall

Reinhard Zollitsch, assoc. prof. of German, was awarded a five-week Fulbright scholarship to participate in a Summer Seminar on German Landeskunde in Bonn and Berlin, Germany.

Joan Brooks, research assoc. in civil engineering, attended The Army Corps of Engineers workshop on permitting procedures, Bangor, March 6.

Dennis Cox, prof. of music, conducted the University Singers on a concert tour, March 4-10 which included stops in Maine, New Hampshire, Vermont, Connecticut and New York. Cox also attended the National Convention of the American Choral Directors Assn., Phoenix, March 13-17.

E. Donald Naber, assoc. prof. of biological science, University College, has had his courses BIO 105A-Human Biology and BIO 106A-Human Biology Laboratory, approved for funding under Annenberg/CPB "New Pathways to a Degree" Initiative from the University of Maine at Augusta's Office of Distance Education.

The State of Maine's Bureau of Medical Services has awarded a research grant of \$123,900 to University of Maine Assistant Professors of Social Work, Patty Coleman and Elizabeth DePoy.

As principal investigators, Coleman and DePoy, in collaboration with the Margaret Chase Smith Center for Public Policy at UM, will identify factors that promote independent living for people in rural areas who have chronic disabling conditions.

The grant supports the first of a three-phase study which will result in policy proposals for restructuring services for disabled people in rural areas. Phase one will identify health, mental health, functional, and service utilization factors that distinguish successful independent living in rural areas.

Later phases of the study will build and test a predictive model which will enable providers to identify the appropriate and least restrictive environment for individual clients. That model will then be utilized to analyze the strengths and gaps in current health and human service policy at the state and national levels.

The collaboration of UM's Department of Social Work, the Margaret Chase Smith Center for Public Policy, and the State Bureau of Medical Services will engage a wide range of scholars, service providers, administrators, policy-makers and consumers in the investigation.

Coleman and DePoy anticipate that the research will result in knowledge which can improve the quality of life for people with disabilities by directing funding resources towards the in-home services which are the most effective in facilitating their maximum independence.



Elizabeth DePoy



Patty Coleman

Russell Briggs, assist. research prof. of forest biology, presented a poster: "Effects of Four Conifer Species on Soil Properties," (also by Christopher Nowak

and Edwin White, SUNY CESF) at the 1991 Annual Meeting of the New England Society of American Foresters, March 13-15, Burlington.



Campus Notes

Surplus Sale: The University of Maine offers for sale on an as-is, where-is basis the following: (1) IBM QUIETWRITER PRINTER, letter quality, \$150; (1) MAC PLUS COMPUTER, with Imagewriter printer, dual floppy, Macwrite, \$1000; (6) SLIDE CAROUSELS, Transvue-80; \$2 each; (1) ZENITH Z-159 MICRO COMPUTER, dual floppy, mono monitor, \$500; (1) AT&T MICRO COMPUTER, floppy drive, \$350; (1) SILVER REED EXP550 PRINTER, \$75; (1) IBM PROPRINTER PRINTER, \$200; (1) TWO WAY CAR RADIO, Midland 70-440B, \$300; (1) IBM MAG CARD COMPOSER, 30-6212, \$200; (1) TABLE TOP TRIPOD, like new, \$10; (1) SECRETARIAL CHAIR, Hon Ergonomic, burgundy, excellent condition, \$75; (1) A.B.DICK 545 MIMEOGRAPH, FREE; (1) 5037 SAVIN COPIER, \$200; (1) SONY CCD V220 CAMCORDER, 8mm, video light, tripod, battery

charger, 10 tapes, \$800; (1) CELLULAR PHONE, NEC EZ-2400, \$300; (1) PORTABLE COMPUTER, Cambridge Z-88, 512K RAM, \$300; (1) DICTATING UNIT, Realistic Micro-1000, \$40; (1) DIGITAL DECMATE II WORDPROCESSOR, w/modem, MSDOS & CPM boards, \$200; (23 ROLLS) THERMAL DATA PAPER, 8 1/2" X 100', FREE; (1) CPT 8525 WORD PROCESSOR, \$200; (1) DEC 1123+ COMPUTER W/ GRAPHICS TERMINAL, \$150 (FREE to Depts); (2) METAL COAT RACKS, \$10 each; (1) METAL DESK ORGANIZER, 5' long, \$25; (3) PAIR OF DRAPES, panel size 8"x42", \$10 pair, (1) DESK LAMP, \$15; (1) BATES ELECTRIC STAPLER, \$25; (1) ELECTRONIC LETTER OPENER, Panasonic, \$20; (4) RUBBER STAMP HOLDERS, \$2 each; (1) A.B.DICK 545 MIMEOGRAPH, 2 years old, \$450; (1) OFFICE CHAIR, w/arms, lt brown cloth, NEW, \$100; (2)

OLIVETTI ETV-300 WORD PROCESSORS, includes monitor, CPU and keyboard with printer, \$300; (1) METAL DESK, fair condition, \$25; (1) A.B.DICK 217 DUPLICATOR, w/6 gallons of fluid and 9 boxes of masters, \$50; (1) DECMATE 1 WORDPROCESSOR, monitor, keyboard and 2 drives, takes 8" disks, \$100, (1) STABILIZATION PROCESSOR, Spiratone Printall LS-200, \$50; (1) COLOR MONITOR, desktop publishing, PCPC 19" Color Trinitron, \$2500; (2) ACOUSTICAL PRINTER HOODS, \$35 each; (1) UPRIGHT FREEZER, Kenmore 31cf, \$250; (1) 3M FS-6 MICROFICHE CAMERA, self developing, \$1500.

Off-campus inquiries are welcome. Items usually sell for the prices specified, however, lower offers are sometimes considered. For further information contact Ron Logan, Purchasing Dept., x2692.



Sponsored Programs

U.S. Department of Education invites applications for support of studies that document and describe the use of assistive technologies to achieve educational goals for students with disabilities. Estimated average award: \$156,000 per year. Deadline: May 24

U.S. Information Agency announces a Central European Citizens Network Initiative, inviting proposals for projects that contribute to the development of civic and other community organizations

in Bulgaria, Hungary, Poland, Romania, Yugoslavia, and/or the Czech and Slovak Republic. Deadline: May 24

Aspen Institute introduces a new program of support for basic and applied research on the nonprofit sector in the U.S.A. Individual investigators may apply for up to \$50,000, teams for up to \$100,000. Deadline: July 31

Leukemia Society of America supports basic scientific and clinical research

bearing on the causes and possible cures for leukemia, the lymphomas, Hodgkin's disease, and multiple myeloma. Deadline for 1992 awards: Oct. 1

Alfred P. Sloan Foundation will make 1992-93 sabbatical supplement awards to molecular biologists and evolutionary biologists to develop interdisciplinary skills for the application of molecular methods to the study of evolution. Deadline: Nov. 30

National Institute on Aging invites applications for research on the economics of aging, health and retirement. A range of studies is solicited, including research on the dynamics of life-course transitions, cross-sectional and trend analyses, and methodological studies. Experiments and innovations that will lead to enhanced well-being of older people may also be proposed.

For more information, call Sponsored Programs, x1476.



Publications

John Field, prof. and chair of electrical engineering, and **Bruce Segee** (MSEE 1989) have had their book Microprogramming and Computer Architecture, published by John Wiley.

Constance Hunting, assoc. prof. of english: "Hawkedon," a poem, Antigonish Review.

Guvenc Alpander, Nicholas Salgo Prof. of Business Administration: "Relationship Between Commitment to Hospital Goals and Job Satisfaction," Health Care Management Review, Vol. 15 No. 4, Fall 1990 pp. 51-63.

Steve Sader, assoc. prof. of forest resources, with G. Powell, National

Audubon Society and J. Rappole, Smithsonian National Zoological Park: "Migratory Bird Habitat Monitoring Through Remote Sensing," International Journal of Remote Sensing, 12(3) pp. 363-372.

Robert Klose, assist. prof. of biological science: "The Perfect Attendance Award," Buffalo Spree Magazine, (Summer 1991).



University of Maine
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